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Washington, DC 20004-1206

1631
CD-ROM



December 21, 2001

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application No. 09/637,086
Filed: August 11, 2000
For: ***Nucleic Acid Molecules and Other Molecules Associated with
Plants***
Inventors: Karen L. FINCHER *et al.*
Atty. Docket: 38-21(51375)B

Sir:

Transmitted herewith for appropriate action by the U.S. Patent and Trademark Office (USPTO) are the following documents:

1. Copy of the Raw Sequence Listing Error Report;
2. Response to Restriction Requirement;
3. Statement Regarding Sequence Submission;
4. Replacement copy of the Sequence Listing in Computer Readable Form (CRF);
5. Sequence Listing on CD-ROM—COPY 1 REPLACEMENT 12/18/2001;
6. Sequence Listing on CD-ROM—COPY 2 REPLACEMENT 12/18/2001;
and
7. Return postcard.

Please stamp the postcard with the filing date of these documents and return it to our courier.

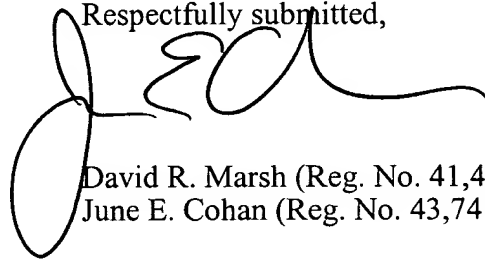
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Commissioner for Patents
December 21, 2001
Page 2

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 50-1824, referencing matter number 16517.001/38-21(51375)B.

Respectfully submitted,

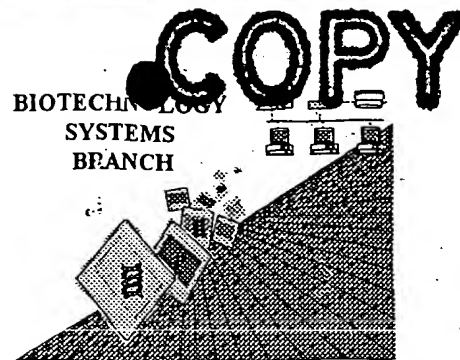
A handwritten signature in black ink, appearing to be 'D. Marsh', written over the typed name.

David R. Marsh (Reg. No. 41,408)
June E. Cohan (Reg. No. 43,741)

Attachments



RAW SEQUENCE LISTING
ERROR REPORT



TECH CENTER 1600/2900

MAY 3 0 2001

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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/637,086B
Source: 1638
Date Processed by STIC: 5/15/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

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MAY 30 2001

TECH CENTER 1600/2900

1638



RAW SEQUENCE LISTING
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DATE: 05/15/2001
 TIME: 11:24:50

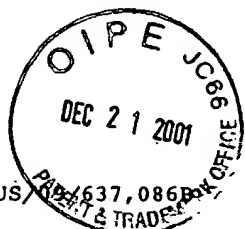
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 Output Set: N:\CRF3\05152001\I637086B.raw

Does Not Comply
 Corrected Diskette Needed

pp 1-5

1 <110> APPLICANT: Fincher, Karen L.
 2 La Rosa, Thomas J.
 3 McCarter, David W.
 4 Pear, Julie R.
 6 <120> TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
 7 Plants
 9 <130> FILE REFERENCE: 38-21(51375)B
 11 <140> CURRENT APPLICATION NUMBER: US 09/637,086B
 12 <141> CURRENT FILING DATE: 2000-08-11
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TIME: 11:24:50

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PATENT APPLICATION: US/09/637,086B

TIME: 11:24:50

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RAW SEQUENCE LISTING

DATE: 05/15/2001

PATENT APPLICATION: US/09/637,086B

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PATENT APPLICATION: US/09/637,086B

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FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/637,086B

DATE: 05/15/2001

TIME: 11:24:51

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L:5499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245
L:5549 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:247
L:5809 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259
L:5839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:260
L:5841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:260
L:6009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268
L:6671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:299
L:6811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:305
L:6905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309
L:7139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:319
L:7583 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:339
L:7585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:339
L:7757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:346
L:7897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:352
L:8207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:366
L:8255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:368
L:8391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:374
L:8557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:382
L:8623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:385
L:8669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:387
L:8695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:388
L:8719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389
L:8747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:390
L:9053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:404
L:9691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:434
L:10541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:475
L:11003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:496
L:11109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:11201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:505
L:11319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:510

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/637,086B

DATE: 05/15/2001

TIME: 11:24:51

Input Set : D:\COTTONREGAUG2000.RPT

Output Set: N:\CRF3\05152001\I637086B.raw

L:11447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:516

L:11485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:518